

AMENDMENTS

In the Claims:

Please amend claims 2, 20, 22, 56, 70, 71, 92, 101, 108, 110 and 118-120 as follows:

2. (Amended) The method of claim 20, further comprising purifying adenovirus from said cell lysate by a process that [includes] comprises one or more chromatography steps.

20. (Amended) A method for producing a [pharmaceutically acceptable] purified adenovirus composition comprising:

- a) growing host cells in a media;
- b) [perfusing] providing nutrients to said host cells by perfusion or through a fed-batch process;
- c) infecting said host cells with an adenovirus;
- d) lysing said host cells to provide a cell lysate comprising adenovirus, wherein said lysis is achieved through autolysis of infected cells; and
- e) purifying adenovirus from said lysate to provide a [pharmaceutically acceptable] purified adenovirus composition.

22. (Amended) The method of claim 2, wherein the chromatography step is [comprises essentially] a single chromatography step.

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56. (Amended) The method of claim 23, wherein said host cells have been adapted [adaptation] for growth in serum-free media [comprises] by a sequential decrease in the fetal bovine serum content of the growth media.

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70. (Amended) A method for producing an adenovirus composition comprising:

- a) growing host cells in a media comprising glucose;
- b) [perfusing] providing nutrients to said cells by perfusion or a fed-batch process at a rate to provide a glucose concentration of less than 2.0 g/L;
- c) infecting said host cells with an adenovirus; and
- d) harvesting and lysing said host cells to produce a lysate comprising said adenovirus composition.

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71. (Amended) The method of claim 70, wherein the cells are [perfused] provided nutrients at a rate to provide a glucose concentration of [less] between about 0.7 and 1.7 g/L.

92. 51

70. (Amended) The method of claim 71, wherein said chromatography is [comprises essentially] a single chromatography step.

101. 61

(Amended) A method for preparing a [pharmaceutically acceptable] purified adenovirus composition comprising:

- a) growing host cells;
- b) providing nutrients to said host cells by perfusion or through a fed-batch process;
- [b]c) infecting said host cells with an adenovirus;
- [c]d) lysing said host cells using [a lysing technique other than freeze-thaw] a process that includes hypotonic solution, hypertonic solution, impinging jet, microfluidization, solid shear, detergent, liquid shear, high pressure extrusion,

autolysis or sonication to produce a crude lysate comprising adenovirus; and

[d)]e) purifying adenovirus from said lysate by a process that includes one or more chromatography steps without the use of cesium chloride density gradient centrifugation, to provide a [pharmaceutically acceptable] purified adenovirus composition.

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108. (Amended) The method of claim ⁶¹ 101, wherein the chromatography is [comprises essentially] a single chromatography step.

110. (Amended) A method for preparing a [pharmaceutically acceptable] purified adenovirus composition comprising:

- a) growing host cells in a media;
- b) infecting said host cells with an adenovirus; and
- c) harvesting and lysing said host cells to provide a lysate comprising adenovirus; and
- d) purifying adenovirus from said lysate by a process that includes a chromatography step without the use of cesium chloride density gradient centrifugation, wherein said chromatography step involves [essentially] a single chromatography step, to provide a [pharmaceutically acceptable] purified adenovirus composition wherein the recovery of purified adenovirus from the lysate after the chromatography step is 70% ± 10% of the starting PFU.

~~36~~ 118. (Amended) A method for preparing a [pharmaceutically acceptable] purified adenovirus composition comprising:

- a) growing host cells;
- b) [perfusing said] providing nutrients to said host cells by perfusion or through a fed-batch process;
- c) infecting said host cells with an adenovirus;
- d) lysing said host cells using [a lysing technique other than freeze-thaw] a process that includes hypotonic solution, hypertonic solution, impinging jet, microfluidization, solid shear, detergent, liquid shear, high pressure extrusion, autolysis or sonication to produce a crude lysate composition comprising adenovirus; and
- e) purifying adenovirus from said lysate by a process that includes a chromatography step without the use of cesium chloride density gradient centrifugation, wherein said chromatography step involves [essentially] a single chromatography step, to provide a [pharmaceutically acceptable] purified adenovirus composition.

~~36~~ 119. (Amended) The method of claim ~~20~~ ³⁰ ~~70~~ or ~~118~~ ³⁶, wherein the [perfusion is achieved] nutrients are provided by a fed-batch process.

~~39~~ 120. (Amended) The method of claim ~~20~~ ³⁰ ~~70~~ or ~~118~~ ³⁶, wherein the [perfusion is achieved] nutrients are provided by [continuous] perfusion.